

## ABSTRACT

A preferred embodiment of the present invention provides an automated, integrated environment for simultaneously monitoring multiple aspects of the performance of computing systems operating under multiple platforms. Modular monitoring programs exist within the invention that individually test the performance of heterogeneous computing systems such as web-based devices and client/server devices. The preferred embodiment presents the user with an integrated interface for all devices being monitored. Regardless of whether a web-based system, a client/server system, or some other type of configuration is being tested, all control functions and displays of test data are accessed through the same set of screens. Also, the preferred embodiment performs not only failure testing but also performance monitoring. In addition, one embodiment provides error notification and error logging capabilities. If an error occurs, the appropriate party is automatically notified by pager, e-mail, or some other electronic messaging system.

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